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Form PTO-1449

INFORMATION DISCLOSURE CITATION

IN AN APPLICATION
(Use several sheets if necessary)Docket Number (Optional)
GPCI-P02-109Application Number
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U.S. PATENT DOCUMENTS

EXAMINER PATENT & TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NAD	AA 4,353,888	10/12/82	Sefton	424	25	12/23/80
	AB 4,391,909	07/05/83	Lim	435	178	05/01/81
	AC 4,868,116	09/19/89	Morgan et al.	435	240.2	07/09/86
	AD 4,883,666	11/28/89	Sabel et al.	424	422	04/29/87
	AE 4,892,538	01/09/90	Aebischer et al.	604	891.1	11/17/87
	AF 4,980,286	12/25/90	Morgan et al.	435	172.3	01/03/89
	AG 5,106,627	04/21/92	Aebischer et al.	424	424	11/14/90
	AH 5,166,320	11/24/92	Wu et al.	530	395	04/02/90
	AI 5,223,408	06/29/93	Goeddel et al.	435	69.3	07/11/91
	AJ 5,789,184	08/04/98	Fowlkes et al.	435	7.31	06/05/95

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
NAD	AK JP 1047381	8/19/87	JP	C12N	15/00	X (abstract)	
	AL EP-A-43075	06/23/81	EU	C12N	15/00		
	AM WO8803559	19-May-1988	PCT	C12N	9/96		
	AN WO 88/06630	09/07/88	PCT	C12P	21/00		
	AO WO 89/02468	03/23/89	PCT	C12N	15/00		
	AP WO 89/07136	08/10/89	PCT	C12N	5/00		
	AQ WO9002338	08-Mar-1990	PCT	G01N	33/577		
	AR WO 90/02809	03/22/90	PCT	C12P	21/00		
	AS WO91/06309	05/16/91	PCT	A61K	37/22		
	AT WO9109953	11-Jul-1991	PCT	C12N	15/62		
	AU WO92/06180	04/16/92	PCT	C12N	7/00		
	AV WO 92/09690	06/11/92	PCT	C12N	15/00		
	AW WO92/15679	09/17/92	PCT	C12N	15/10		
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	AY WO92/20316	11/26/92	PCT	A61K			
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BA	WO93/04701	03/18/93	PCT	A61K	48/00		
BB	WO93/25234	12/23/93	PCT	A61K	39/12		
BC	WO94/06920	03/31/94	PCT	C12N	15/86		
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	BG	Aebischer et al., "Transplantation of Polymer Encapsulated Neurotransmitter Secreting Cells: Effect of the Encapsulation Technique", J. Biomech. Eng. 113:178-183 (1991)
	BH	Andres et al., "Expression of two novel <i>eph</i> -related receptor protein tyrosine kinases in mammary gland development and carcinogenesis", Oncogene 9:1461-1467 (1994)
	BI	Armentano et al., "Expression of Human Factor IX in rabbit hepatocytes by retrovirus-mediated gene transfer: Potential for gene therapy of hemophilia B", Proc. Natl. Acad. Sci. USA 87:6141-6145 (1990)
	BJ	Bacon et al., "Interleukin 12 induces tyrosine phosphorylation and activation of STAT4 in human lymphocytes", Proc. Natl. Acad. Sci. USA 92:7307-7311 (1995)
	BK	Barbas et al., "Semisynthetic combinatorial antibody libraries: A chemical solution to the diversity problem", PNAS 89:4457-4461 (1992)
	BL	Bass et al., "Hormone Phage: An Enrichment Method for Variant Proteins with Altered Binding Properties", Proteins: Structure, Function and Genetics 8:309-314 (1990)
	BM	Berkner et al., "Development of Adenovirus vectors for the Expression of Heterologous Genes", BioTechniques 6:616 (1988)
	BN	Birkenbach et al., "Epstein-Barr Virus-Induced Genes: First Lymphocyte-Specific G Protein-Coupled Peptide Receptors", J. Virol. 67:2209 (1993)
	BO	Carter, D.C. et al., "Three-Dimensional Structure of Human Serum Albumin", Science 244:1195-1198 (1989) <i>crystal structure</i>
	BP	Carter, D.C., et al., "Preliminary crystallographic studies of four crystal forms of serum albumin", Eur. J. Biochem. 226:1049-1052 (1994)
	BQ	Chan et al., " <i>cek</i> and <i>erk</i> , new members of the <i>eph</i> subclass of receptor protein-tyrosine kinases", Oncogene 6:1057-1061 (1991)
	BR	Chen et al., "Gene therapy for brain tumors: Regression of experimental gliomas by adenovirus-mediated gene transfer <i>in vivo</i> ", PNAS 91:3054-3057 (1994)
	BS	Chowdhury et al., "Long-Term Improvement of Hypercholesterolemia After ex Vivo Gene Therapy in LDLR-Deficient Rabbits", Science 254:1802-1805 (1991)

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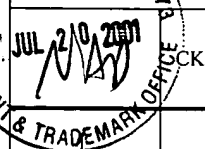
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BT	Clackson et al., "Making antibody fragments using phage display libraries", Nature 352:624-628 (1991)
BU	Cristiano et al., "Hepatic gene therapy: Adenovirus enhancement of receptor-mediated gene delivery and expression in primary hepatocytes", PNAS 90:2122-2126 (1993)
BV	Cunningham, "Engineering Human Prolactin to Bind to the Human Growth Hormone Receptor", B.C. Science 247:1461-1465 (1990)
BW	Dai et al., "Gene therapy via primary myoblasts: Long-term expression of factor IX protein following transplantation <i>in vivo</i> ", Proc. Natl. Acad. Sci. USA 89:10892-10895 (1992)
BX	Danos and Mulligan, "Safe and efficient generation of recombinant retroviruses with amphotropic and ecotropic host ranges", Proc. Natl. Acad. Sci. USA 85:6460-6464 (1988)
BY	Dietzel and Kurjan, "The Yeast <i>SCG1</i> Gene: A G α -like Protein Implicated in the a- and α -Factor Response Pathway", Cell 50:1001 (1987)
BZ	Eglitis, et al., "Gene Expression in Mice After High Efficiency Retroviral-Mediated Gene Transfer", Science 230:1395-1398 (1985)
CA	Etienne-Julan et al., "The efficiency of cell targeting by recombinant retroviruses depends on the nature of the receptor and the composition of the artificial cell-virus linker", J. Gen Virol 73:3251-325 (1992)
CB	Fasano, A., "Innovative strategies for the oral delivery of drugs and peptides", Trends in Biotechnology 16:152-157 (1998)
CC	Ferry, et al., "Retroviral-mediated gene transfer into hepatocytes <i>in vivo</i> ", Proc. Natl. Acad. Sci. USA 88:8377-8381 (1991)
CD	Fisher, K.J. et al., "Recombinant adeno-associated virus for muscle directed gene therapy", Nature Medicine 3:306-312 (1997)
CE	Flotte et al., "Gene Expression from Adeno-associated Virus Vectors in Airway Epithelial Cells", Am. J. Respir. Cell. Mol. Biol. 7:349-356 (1992)
CF	Flotte et al., "Expression of the Cystic Fibrosis Transmembrane Conductance Regulator from a Novel Adeno-associated Virus Promoter", J. Biol. Chem. 268:3781-3790 (1993)
CG	Frank et al., "Interleukin 2 signaling involves the phosphorylation of Stat proteins", Proc. Natl. Acad. Sci. USA 92:7779-7783 (1995)
CH	Fuchs et al., "Targeting Recombinant Antibodies to the Surface of <i>Escherichia Coli</i> : Fusion to a Peptidoglycan Associated Lipoprotein", Bio/Technology 9:1369-1372 (1991).
CI	Fujii et al., "Activation of Stat5 by interleukin 2 requires a carboxyl-terminal region of the interleukin 2 receptor β chain but is not essential for the proliferative signal transmission", Proc. Natl. Acad. Sci. 92:5482-5486 (1995).
CJ	Gallop et al., "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries", J. Med. Chem. 37:1233-1251 (1994)

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CK	Gilardi-Hebenstreit et al., "An Eph-related receptor protein tyrosine kinase gene segmentally expressed in the developing mouse hindbrain", <i>Oncogene</i> 7:2499-2506 (1992)
CL	Goud et al., "Antibody-Mediated Binding of a Murine Ectropic Moloney Retroviral Vector to Human Cells Allows Internalization But Not te Establishment of the Proviral State", <i>Virology</i> 163:251-254 (1983)
CM	Goward et al., "Molecular evolution of bacterial cell-surface proteins", <i>TIBS</i> 18:136-140 (1992)
CN	Graham et al., "Manipulation of Adenovirus Vectors", <i>Methods in Molecular Biology</i> , E.J. Murray, Ed. (Humana, Clifton, NJ, 7:109-127 (1991).
CO	Griffiths et al., "Human anti-self antibodies with high specificity from phage display libraries", <i>EMBO J</i> 12:725-734 (1993)
CP	Gustin, K., "Characterization of the Role of Individual Protein Binding Motifs within the Hepatitis B Virus Enhancer I on X Promoter Activity Using Linker Scanning Mutagenesis", <i>Virology</i> 193:653-660 (1993)
CQ	Haj-Ahmand and Graham, "Development of a Helper-Independent Human Adenovirus Vector and Its Use in the Transfer of the Herpes Simplex Virus Thymidine Kinase Gene", <i>J. Virol.</i> 57:267 (1986)
CR	Hanks et al., "The Protein Kinase Family: Conserved Features and Deduced Phylogeny of the Catalytic Domains", <i>Science</i> 241:42-52 (1988)
CS	Hé, X.M. et al., "Atomic structure and chemistry of human serum albumin", <i>Nature</i> 358:209-215 (1992) <i>crystal structure?</i>
CT	Henkenmeyer et al., "Immunolocalization of the Nuk receptor tyrosine kinase suggests roles in segmental patterning of the brain and axonogenesis", <i>Oncogene</i> 9:1001-1014 (1994)
CU	Hermonat et al., "Use of adeno-associated virus as a mammalian DNA cloning vector: Transduction of neomycin resistance into mammalian tissue culture cells", <i>Proc. Natl. Acad. Sci. USA</i> 81:6466-6470 (1984)
CV	Herz and Gerard, "Adenovirus-mediated transfer of low density lipoprotein receptor gene acutely accelerates cholesterol clearance in normal mice", <i>Proc. Natl. Acad. Sci. USA</i> 90:2812-2816 (1993)
CW	Hirai et al., "A Novel Putative Tyrosine Kinase Receptor Encoded by the <i>eph</i> Gene", <i>Science</i> 238:1717-1720 (1987)
CX	Hoekema et al., "Codon Replacement in the <i>PGK1</i> Gene of <i>Saccharomyces cerevisiae</i> : Experimental Approach to Study the Role of Biased Codon Usage in Gene Expression", <i>Mol. Cell. Biol</i> 7:2914-24 (1987)
CY	Hoffman et al., "NGF Released from a Polymer Matrix Prevents Loss of ChAT Expression in Basal Forebrain Neurons following a Fimbria-Fornix Lesion", <i>Expt. Neurobiol.</i> 110:39-44 (1990)
CZ	Houghton, "General method for the rapid solid-phase synthesis of large numbers of peptides: Specificity of antigen-antibody interaction at the level of individual amino acids", <i>Proc. Natl. Acad. Sci. USA</i> 82:5131-5135 (1985)
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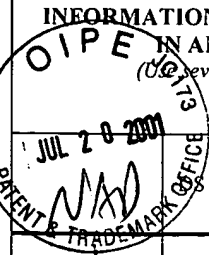
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	DT	Musso et al., "Regulation of JAK3 Expression in Human Monocytes: Phosphorylation in Response to Interleukins 2, 4, and 7", J Exp Med. 181:1425-1431 (1995)	
	DU	Muczyzcka et al., "Use of Adeno-associated Virus as a General Transduction Vector for Mammalian Cells", Curr. Topics in Micro. and Immunol. 158:97-129 (1992)	
	DV	Neda et al., "Chemical Modification of a Ecotropic Murine Leukemia Virus Results in Redirection of Its Target Cell Specificity", J Biol Chem 266:14143-14146 (1991)	
	DW	Neote et al., "Molecular Cloning, Functional Expression, and Signaling Characteristics of a C-C Chemokine Receptor", Cell 72:415 (1993)	
	DX	Nieto et al., "A receptor protein tyrosine kinase implicated in the segmental patterning of the hindbrain and mesoderm", Development 116:1137-1150 (1992)	
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	DZ	Putney, S.D., et al., "Improving protein therapeutics with sustained-release formulations", Nature Biotechnology 16:153-157 (1998)	
	EA	Quantin et al., "Adenovirus as an expression vector in muscle cells <i>in vivo</i> ", Proc. Natl. Acad. Sci. USA 89:2581-2584 (1992)	
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	ED	Rothschild, M.A., et al., "Serum Albumin", Hepatology 8:385-401 (1988)	
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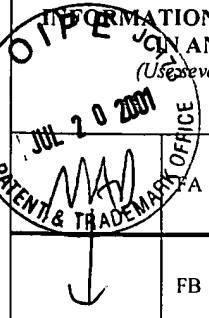

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EM	Sugamori et al., "Microencapsulation of Pancreatic Islets in a Water Insoluble Polyacrylate", Trans. Am. Artif. Intern. Organs 35:791-799 (1989)
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EQ	Tratschin et al., "Adeno-Associated Virus Vector for High Frequency Integration, Expression, and Rescue of Genes in Mammalian Cells", Mol. Cell. Biol. 5:3251-3260 (1985)
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		Yeh, P., et al., "Design of yeast-secreted albumin derivatives for human therapy: Biological and antiviral properties of a serum albumin-CD4 genetic conjugate", Proc. Natl. Acad. Sci. USA, 89:1904-1908 (1992)			
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					

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